

Claims

1. Use of 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a mixture of these compounds for imparting a rose  
5 odour that is not accompanied by a coconut olfactory note.
2. Use of 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a mixture of these compounds for preparing a perfume  
10 composition with a rose odour that is not accompanied by a coconut olfactory note.
3. Use of 4,8-dimethylnonan-2-one as a fragrance.
4. Perfume composition with a rose odour, comprising  
15
  - an organoleptically effective amount of 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a mixture of these compounds
- 20 and
  - at least one other fragrance.
5. Perfume composition according to Claim 4 wherein the  
25 other fragrance is selected from the group comprising:  
  
geranyl formate; geranyl acetate; geranyl propionate;  
geranyl isobutyrate; geranyl butyrate; geranyl isovalerate;  
geranyl tiglate; geranyl benzoate; citronellyl formate;  
30 citronellyl acetate; citronellyl propionate; citronellyl isobutyrate; citronellyl butyrate; citronellyl isovalerate;  
citronellyl tiglate; citronellyl benzoate; phenylethyl alcohol; phenylacetaldehyde; phenylacetaldehyde dimethyl acetal; phenylethyl formate; phenylethyl acetate;

phenylethyl propionate; phenylethyl isobutyrate; phenylethyl  
 butyrate; phenylethyl pivalate; phenylethyl isovalerate;  
 phenylethyl 2-ethylbutyrate; phenylethyl tiglate;  
 phenylethyl benzoate; phenylethylphenyl acetate; 2-  
 5 phenoxyethyl isobutyrate; geranyl methyl ether; rose oxide;  
 phenylethyl methyl ether; phenylethyl ethyl ether;  
 phenylethyl isoamyl ether; 2-methoxybenzyl ethyl ether;  $\alpha$ -  
 trichloromethylbenzyl acetate;  $\alpha$ ,3,3-trimethylcyclohexane-  
 methyl acetate; 2,4,6-trimethyl-3-cyclohexenemethanol; 2-  
 10 ethylhexanoic acid N,N-diethylamide; 3,7-dimethyloctanol;  
 geranylacetone; linalool; 3,7-dimethyl-1,6-nonadien-3-ol;  
 nerolidol; farnesol; 9-decenol; 9-decenyl acetate; decanal;  
 10-undecanal; 10-undecenol; citronellyloxyacetaldehyde; 3,7-  
 dimethyloctanylacetaldehyde; 2-methyl-5-phenylpentanol; 2-  
 15 methyl-5-phenylpentanal; 3-methyl-5-phenylpentanol;  
 benzophenone; diphenyl ether; diphenylmethane;  $\alpha$ -damascone;  
 $\beta$ -damascone;  $\delta$ -damascone;  $\gamma$ -damascone;  $\beta$ -damascenone; 1-  
 (2,4,4-trimethyl-2-cyclohexenyl)-2-buten-1-one; rose oil;  
 rose absolute; geranium oil; palmarosa oil; lemon oil;  
 20 patchouli oil; clove oil; ylang-ylang oil; jasmine absolute;  
 ethyl 2,3,6-trimethylcyclohexyl carbonate; hexanal;  
 heptanal; octanal; nonanal; hexanol; heptanol; octanol;  
 nonanol; decanol; undecanol; dodecanol; hexyl acetate;  
 heptyl acetate; octyl acetate; nonyl acetate; decyl acetate;  
 25 undecyl acetate; dodecyl acetate; benzyl acetate; benzyl  
 butyrate; benzyl benzoate; methylphenyl acetate; ethylphenyl  
 acetate; alpha-terpineol; 4,4a,5,9b-tetrahydro-2,4-  
 dimethylindeno[1,2-d]-m-dioxin; 4,4a,5,9b-tetrahydroindeno-  
 [1,2-d]-m-dioxin; ethyl 2-ethyl-6,6-dimethyl-2-cyclohexene-  
 30 carboxylate; ethyl 2,3,6,6-tetramethyl-2-cyclohexene-  
 carboxylate; ethyl safranate; methyl 6,6-dimethyl-2-  
 methylenecyclohexanecarboxylate; eugenol; isoeugenol;  
 lavender oil; guaiacum wood oil; alpha-ionone; beta-ionone;

cinnamyl alcohol; 3-phenylpropanol; cinnamyl acetate; 3-phenylpropyl acetate; alpha-irone; cis-3-hexenol; cis-3-hexenyl acetate; cis-3-hexenyl isobutyrate; vanillin; ethylvanillin; heliotropin; coumarin; ambrinol; indole;  
 5 3a,6,6,9a-tetramethyldodecahydronaphtho[2,1-b]furan; 5-cyclohexadecen-1-one; 6,7-dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone; 8-cyclohexadecen-1-one; 9-cycloheptadecen-1-one; cyclopentadecanone; cyclohexadecanone.

- 10 6. Perfume composition according to Claim 4 or 5 wherein the other fragrance is selected from the group of fragrances with a rose odour comprising:

geranyl formate; geranyl acetate; geranyl propionate;  
 15 geranyl isobutyrate; geranyl butyrate; geranyl isovalerate; geranyl tiglate; geranyl benzoate; citronellyl formate; citronellyl acetate; citronellyl propionate; citronellyl isobutyrate; citronellyl butyrate; citronellyl isovalerate; citronellyl tiglate; citronellyl benzoate; phenylethyl  
 20 alcohol; phenylacetaldehyde; phenylacetaldehyde dimethyl acetal; phenylethyl formate; phenylethyl acetate; phenylethyl propionate; phenylethyl isobutyrate; phenylethyl butyrate; phenylethyl pivalate; phenylethyl isovalerate; phenylethyl 2-ethylbutyrate; phenylethyl tiglate;  
 25 phenylethyl benzoate; phenylethylphenyl acetate; 2-phenoxyethyl isobutyrate; geranyl methyl ether; rose oxide; phenylethyl methyl ether; phenylethyl ethyl ether; phenylethyl isoamyl ether; 2-methoxybenzyl ethyl ether;  $\alpha$ -trichloromethylbenzyl acetate;  $\alpha$ ,3,3-trimethylcyclohexane-  
 30 methyl acetate; 2,4,6-trimethyl-3-cyclohexenemethanol; 2-ethylhexanoic acid N,N-diethylamide; 3,7-dimethyloctanol; geranylacetone; linalool; 3,7-dimethyl-1,6-nonadien-3-ol; nerolidol; farnesol; 9-decenol; 9-decenyl acetate; decanal; 10-undecanal; 10-undecenol; citronellyloxyacetaldehyde; 3,7-

dimethyloctanylacetaldehyde; 2-methyl-5-phenylpentanol; 2-methyl-5-phenylpentanal; 3-methyl-5-phenylpentanol; benzophenone; diphenyl ether; diphenylmethane;  $\alpha$ -damascone;  $\beta$ -damascone;  $\delta$ -damascone;  $\gamma$ -damascone;  $\beta$ -damascenone; 1-  
5 (2,4,4-trimethyl-2-cyclohexenyl)-2-buten-1-one; rose oil; rose absolute; geranium oil.

7. Perfume composition according to one of Claims 4 - 6, characterized in that it does not contain fragrances  
10 selected from the group comprising:

amylcinnamaldehyde, amylcinnamyl alcohol, anisyl alcohol, benzaldehyde, benzyl alcohol, benzyl benzoate, benzyl  
cinnamate, benzyl salicylate, citral, citronellol, coumarin,  
15 eugenol, farnesol, geraniol, hexylcinnamaldehyde, hydroxycitronellal, isoeugenol, lilial, limonene, linalool, lyral, methyl heptynecarbonate, methylionone, methyl octynecarbonate, cinnamaldehyde, cinnamyl alcohol, and  
natural products containing these compounds in an effective  
20 amount.

8. Perfume composition according to one of Claims 4 - 7 containing 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a mixture of these compounds in an amount which  
25 modifies the olfactory properties of a mixture of the other constituents of the perfume composition in the direction of freshness and/or radiance.

9. Perfume composition according to one of Claims 4 - 8,  
30 characterized in that the proportion of 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a mixture of these compounds ranges from 0.1 to 90 wt.%, preferably from 0.5 to

70 wt.%, based on the total weight of the perfume composition.

10. Perfumed product comprising a perfume composition  
5 according to one of Claims 4 - 8.

11. Process for producing a rose odour or strengthening the  
rose odour of a perfume composition or perfumed product, the  
rose odour not being accompanied by a coconut olfactory  
10 note, characterized in that a sensorially effective amount  
of 4,8-dimethyl-7-nonen-2-one, 4,8-dimethylnonan-2-one or a  
mixture of these compounds is mixed with the other  
constituents of the perfume composition or added to the  
product.